Docket No. RPS920030227US1 Cromer, et al.

System and M thod for Concurrent WLAN and WPAN Wireless Modes From a Single Device

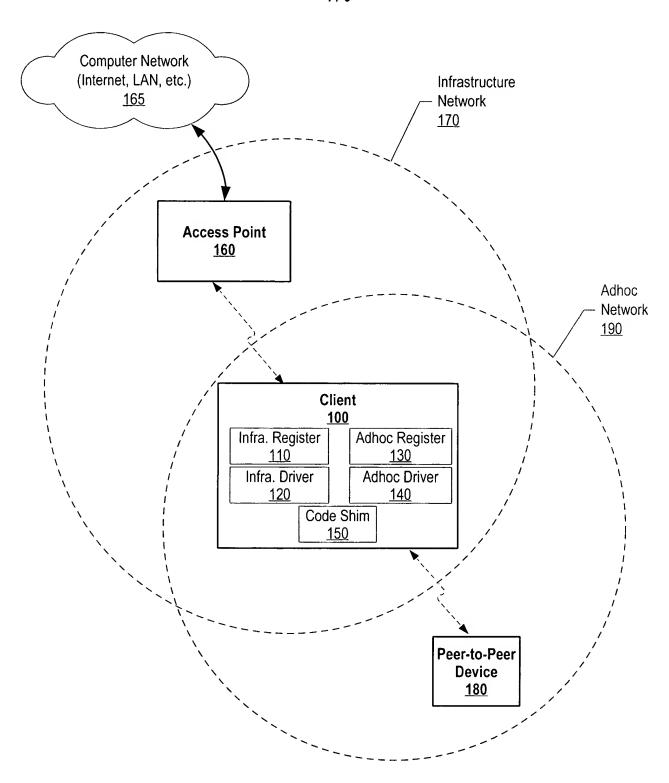


Figure 1

Docket No. <u>RPS920030227US1</u>

Cromer, et al.

System and Method for Concurr nt WLAN and WPAN Wirel ss Modes From a Single Device

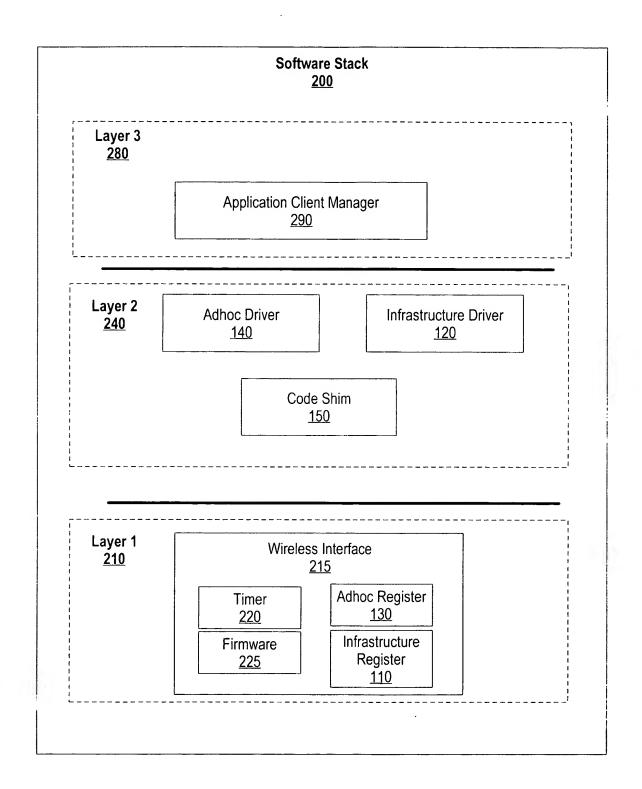
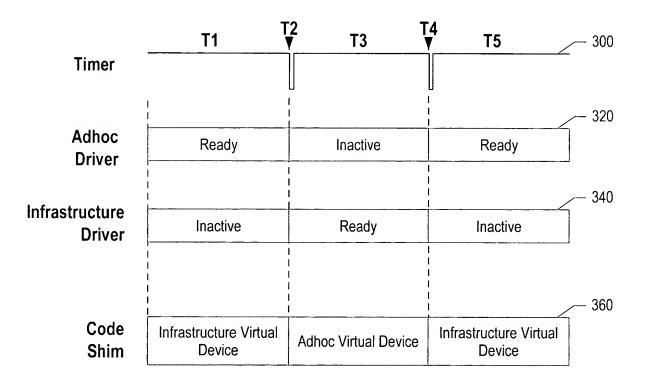


Figure 2

Dock t No. RPS920030227US1 Cromer, et al.

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System and M thod for Concurrent WLAN and WPAN Wir I ss Modes From a Single Device

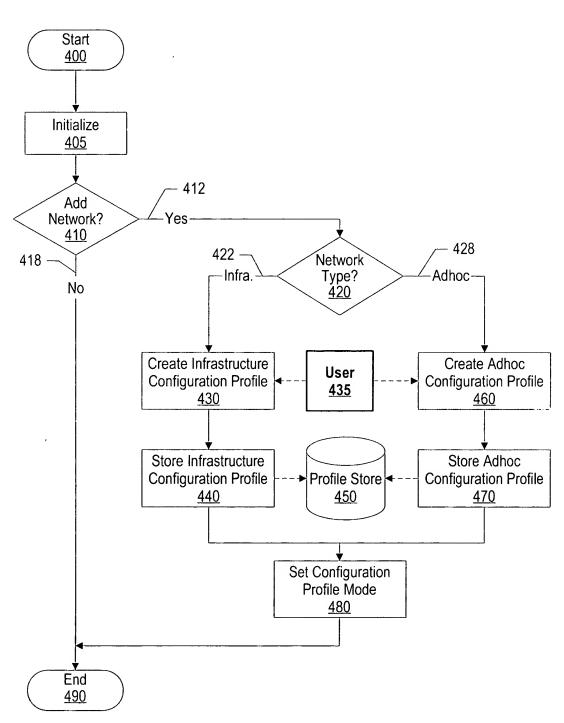


Figure 4

Docket No. <u>RPS920030227US1</u> Cromer, et al. System and Method for Concurrent WLAN and WPAN Wireless Modes From a Single Device

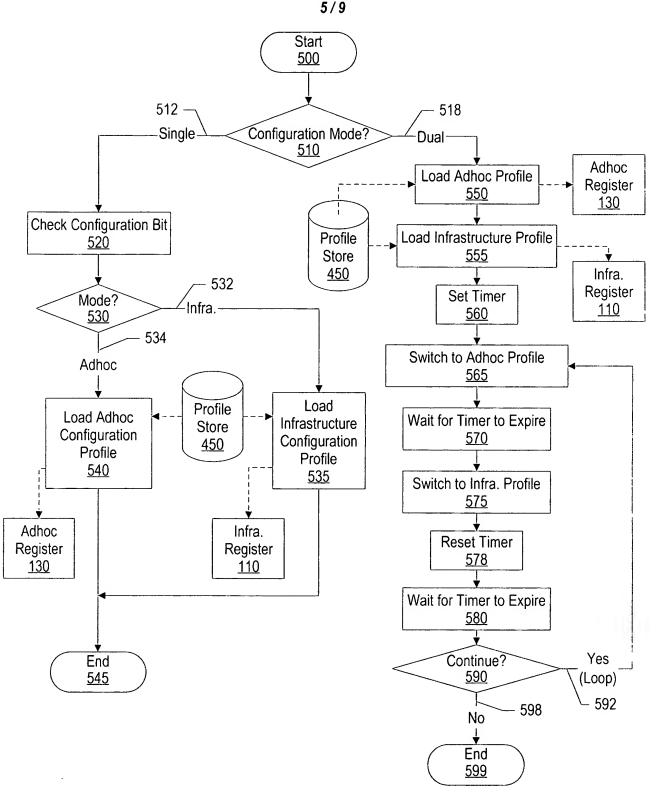


Figure 5

Dock t No. <u>RPS920030227US1</u>

Cromer, t al.

System and Method for Concurr nt WLAN and WPAN Wirel ss Modes From a Single Device

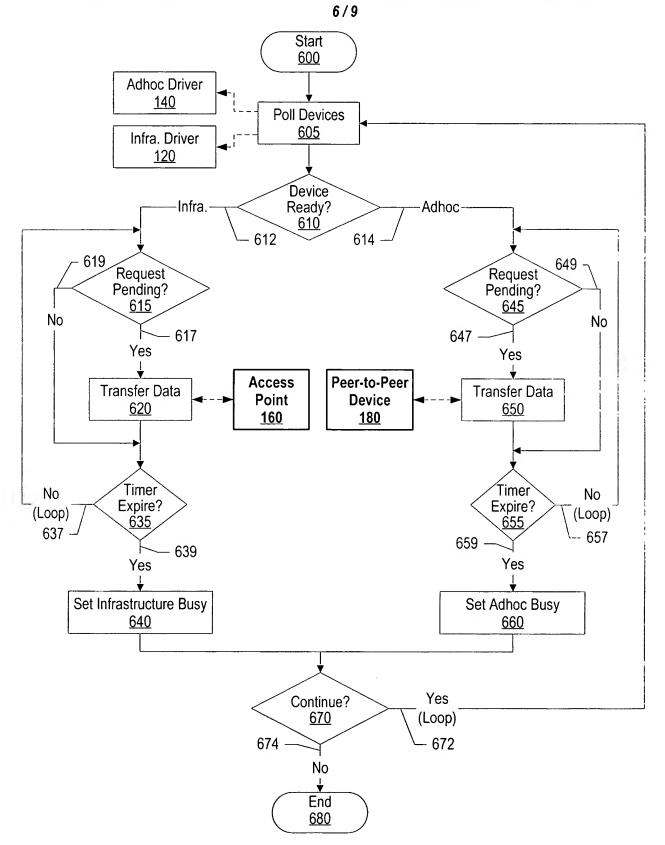


Figure 6

Docket No. RPS920030227US1 Cromer, et al. System and Method for Concurr in WLAN and WPAN Wirel is simple Device 7/9

Adhoc Infra. Network Network <u>190</u> <u>170</u> 755 Client <u>100</u> Wireless Interface Transceiver <u>710</u> 715 TX FIFO **RX FIFO** 720 725 Controller Timer <u>730</u> 740 Adhoc Register Mode <u>130</u> <u>735</u> Infrastructure Register 110 Processor Video Display 770 Controller <u>795</u> <u>790</u> PCI Bus Controller Memory Controller DASD HD OD <u>765</u> <u>760</u> <u>780</u> 785 <u>786</u> Memory Keyboard/Mouse <u>772</u> <u>775</u>

Figure 7

Docket No. RPS920030227US1

Crom r, et al. System and Method for Concurrent WLAN and WPAN Wir less Modes From a Single Device 8/9 Infrastructure Network **Access Point** Wireless Interface <u>170</u> <u>160</u> Transceiver <u>870</u> 890 895 TX FIFO **RX FIFO** 880 885 Controller <u>875</u> Baseband Processing Memory <u>840</u> <u>260</u> Interface Processor Controller 850 <u>845</u> **Program Store 855** LAN Interface Controller <u>805</u> 830 TX FIFO **RX FIFO** 820 <u>825</u>

Figure 8

Physical Layer

<u>815</u>

Computer

Network

<u>802</u>

Dock t No. RPS920030227US1 Cromer, et al.

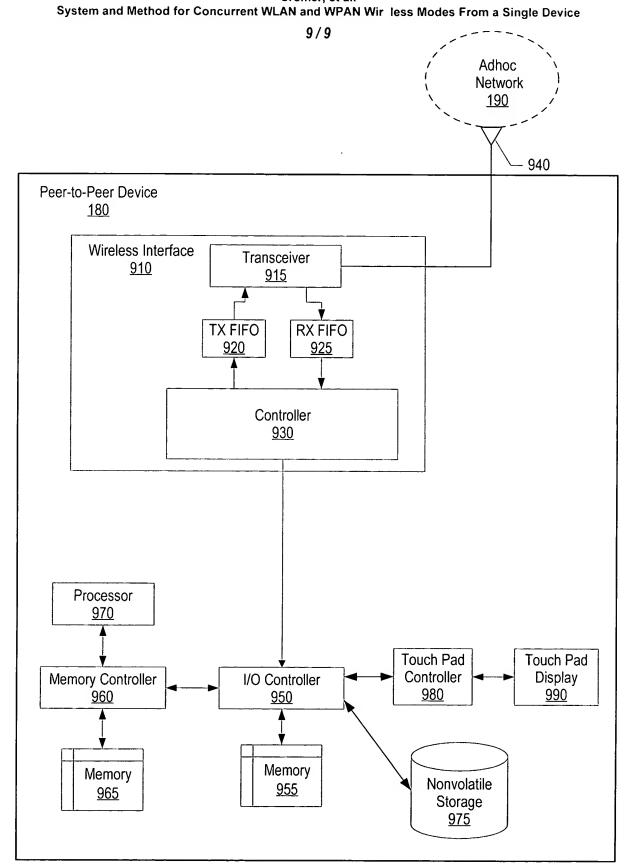


Figure 9